

Listing of the Claims:

The following is a complete listing of all the claims in the application, with an indication of the status of each:

1 1 (Currently Amended). A telephone controller controlling a plurality of
2 telephones connected to the Internet via a LAN (Local Area Network), said
3 telephone controller allowing an external telephone connected to the
4 Internet to make a direct call to a telephone in the LAN comprising:
5 an IP (Internet Protocol) address allocating circuit which allocates a
6 private IP address to each of the plurality of telephones;
7 a memory in which a table indicating a correspondence between
8 IDs (Identifier) of the plurality of telephones and corresponding ones of the
9 private IP addresses is stored; and
10 a control circuit which controls communication between the
11 plurality of telephones and the Internet using the private IP addresses,
12 wherein each of the IDs includes a domain name of said
13 telephone controller and identification information composed of a user
14 name and an extension telephone number of the telephone, ~~and~~ wherein
15 said memory further stores therein a table indicating a correspondence
16 among ~~the~~ an ID, a private IP address, an extension telephone number, and
17 a user name, and wherein said control circuit extracts the identification
18 information from an ID received via the Internet, searches said table with
19 the identification information to obtain the private IP address, and executes
20 communication between a telephone to which the private IP address is
21 allocated and the Internet.

2. (Canceled)

1 3. (Original) The telephone controller according to claim 1 wherein said
2 control circuit notifies the allocated IP address to the telephone.

4. (Canceled)

5. (Canceled)

1 6. (Original) The telephone controller according to claim 1 wherein said
2 memory further stores therein a table indicating communication history
3 information for each ID.

1 7. (Previously Presented) The telephone controller according to claim 1
2 wherein said table is updated in response to a request from the telephone.

1 8. (Original) The telephone controller according to claim 1, further
2 comprising means for receiving the ID, wherein said control circuit stores
3 the ID received from said means for receiving into said memory.

1 9. (Original) The telephone controller according to claim 1, further
2 comprising a transfer circuit which transfers information stored in said
3 table to some other telephone controller.

1 10. (Currently Amended) A telephone communication unit composed of a
2 LAN connected to the Internet, telephone controllers communicating each
3 other via the LAN, and a plurality of telephones, wherein
4 each of said telephone controllers allowing an external telephone
5 connected to the Internet to make a direct call to a telephone in the LAN
6 and comprises:
7 an IP (Internet Protocol) address allocating circuit which allocates a

8 private IP address to each of said plurality of telephones;
9 a memory in which a table indicating a correspondence between
10 IDs (Identifier) and identification information of said plurality of
11 telephones and corresponding ones of said private IP addresses is stored;
12 and
13 a control circuit which controls communication between said
14 plurality of telephones and the Internet using the private IP addresses,
15 wherein each of the ~~ID~~ IDs includes a domain name of said
16 telephone controller and the identification information is composed of a
17 user name and an extension telephone number of the telephone and
18 wherein said memory stores therein a table indicating a correspondence
19 among ~~the~~ an ID, a private IP address, an extension telephone number and
20 a user name; and
21 each of said plurality of telephones includes an input circuit which
22 receives ~~the~~ an ID and ~~the~~ identification information and sends the ID and
23 the identification information received from said input circuit to said
24 telephone controller, said control circuit extracts the identification
25 information from ~~the~~ an ID received via the Internet, searches said table
26 with the identification information to obtain the private IP address, and
27 executes communication between a telephone to which the private IP
28 address is allocated and the Internet.

11. (Canceled)